

## CLAIMS

What is claimed is:

1. A method for configuring a data processing system for high availability, said method comprising the steps of:

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defining a set of rules for high availability;

defining a set of target parameters indicative of a target configuration of said data processing system which is highly available;

10 automatically collecting from said data processing system a set of existing parameters indicative of a current configuration of said data processing system; and

15 automatically applying said rules with said target parameters to said existing parameters to identify actions to reconfigure said data processing system for high availability.

2. The method of claim 1 wherein said target parameters identify resources of said data processing system intended to be highly available.

20 3. The method of claim 2 wherein said step of defining said target parameters comprises the step of automatically querying a user to input said target parameters.

4. The method of claim 1 wherein one of said target parameters is an identification of a library that should be mirrored.

5. The method of claim 4 wherein said rules comprise a rule that a print queue of said library should be audited.

5 6. The method of claim 4 wherein said rules comprise a rule that objects which reside in said library and marked as old or obsolete should be deleted.

7. The method of claim 4 wherein said rules comprise a rule that an operating system within said data processing system should  
10 support journalizing of said library.

8. The method of claim 7 wherein the identified action when said operating system does not support journalizing of said library is to upgrade to another operating system that supports said journalizing.

15 9. The method of claim 6 further comprising the subsequent step of automatically deleting said objects marked as old or obsolete.

10. The method of claim 1 further comprising the subsequent step of a user implementing the identified actions.

11. The method of claim 1 further comprising the subsequent step of automatically implementing one or more of the identified actions.

12. A computer program product for configuring a server computer for high availability, said computer program product comprising:

a computer readable medium;

first program instructions, executable at a client computer, for querying a user to define a set of rules for high availability;

second program instructions, executable at said client computer, for querying a user to define a set of target parameters indicative of a target configuration of said server computer which is highly available;

third program instructions, executable at said server computer, for automatically collecting from said server computer a set of existing parameters indicative of a current configuration of said server computer; and

fourth program instructions, executable at said client computer, for automatically applying said rules with said target parameters to said existing parameters to identify actions to reconfigure said server computer for high availability; and wherein

said first, second, third and fourth program instructions are recorded on said medium.

13. A computer program product as set forth in claim 12 further comprising fifth program instructions, executable at said server computer, for transferring said set of existing parameters to said client computer, and wherein said fifth program instructions  
5 are recorded on said medium.

14. A computer program product as set forth in claim 12 wherein said target parameters identify resources of said server computer intended to be highly available.

15. A computer program product as set forth in claim 12 wherein  
10 said second program instructions automatically query a user to input said target parameters.

16. A computer program product as set forth in claim 12 wherein one of said target parameters is an identification of a library that should be mirrored.

15 17. A system for configuring a server computer for high availability, said system comprising:

a client computer including means for querying a user to define a set of rules for high availability, and means for querying a user to define a set of target parameters indicative of a target  
20 configuration of said server computer which is highly available; and wherein

said server computer includes means for automatically collecting from said server computer a set of existing parameters

indicative of a current configuration of said server computer;  
and wherein

5       said client computer also includes means for automatically  
applying said rules with said target parameters to said existing  
parameters to identify actions to reconfigure said server  
computer for high availability.

18. A system as set forth in claim 17 wherein said server  
computer further includes means for transferring said set of  
existing parameters to said client computer.

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